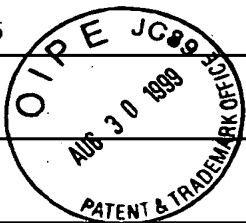


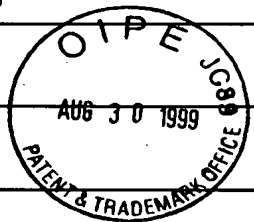
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| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | ATTY DOCKET NO. 1201.00022 | | SERIAL NO. 09/355,436 | |
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| Examiner Initial | Document No. | Date | Name | Class | Sub-Class | Filing Date | | | |
| TNP | 1 9 2 8 7 5 0 | Feb. 5, 1930 ^{10/33} | V. G. Apple et al. | 188 | 162 | | | | |
| TNP | 1 9 6 8 5 8 4 | Nov. 2, 1929 ^{7/34} | V. G. Apple | 188 | 162 | | | | |
| TNP | 2 9 6 4 1 4 0 | Sept. 14, 1949 ^{12/18} | M. N. Berezny | 188 | 111 | | | | |
| TNP | 3 0 2 9 9 0 5 | April 17, 1962 | M. E. Nowak | 188 | 111 | | | | |
| TNP | 3 0 3 1 0 3 7 | April 24, 1962 | I. Stollman | 188 | 111 | | | | |
| TNP | 3 0 3 1 0 3 8 | April 24, 1962 | H. Chait | 188 | 111 | | | | |
| TNP | 3 1 1 7 6 5 5 | Jan. 14, 1964 | J. A. Skupas et al. | 188 | 111 | | | | |
| TNP | 3 1 5 7 8 7 1 | Nov. 17, 1964 | M. Umanoff | 340 | 539 | | | | |
| TNP | 3 4 9 5 6 8 8 | Feb. 14, 1970 | Elmer H. Issacks | 188 | 31 | | | | |
| TNP | 3 5 9 0 9 6 2 | July 6, 1971 | Tommy M. Parker | 188 | 111 | | | | |
| TNP | 3 7 1 7 2 2 5 | Feb. 20, 1973 | Raushbaum et al. | 188 | 29 | | | | |
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| OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | | |
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| Examiner | <i>Wangham</i> | | | Date Considered | <i>1/11/01</i> | | | | |

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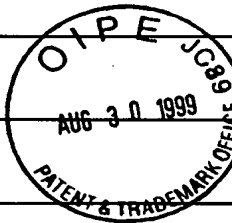
| U.S. PATENT DOCUMENTS | | | | | | | | | |
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| Examiner Initial | Document No. | Date | Name | Class | Sub- Class | Filing Date | | | |
| TNP | 3 8 0 9 1 9 1 | May 7, 1974 | Woodward | 188 | 106A | | | | |
| TNP | 3 8 2 0 6 2 3 | June 28, 1974 | Akashi et al. | 180 | 167 | | | | |
| TNP | 4 4 2 4 5 1 1 | Jan. 3, 1984 | Alberts, Jr. | 73 | 646 | | | | |
| TNP | 4 2 4 2 6 6 8 | Dec. 30, 1980 | Herzog | 340 | 539 | | | | |
| TNP | 4 3 3 8 5 9 4 | Jul. 6, 1982 | Holm | 340 | 568.5 | | | | |
| TNP | 4 4 7 2 7 0 6 | Sep. 18, 1984 | Hodge et al. | 340 | 941 | | | | |
| TNP | 4 5 7 7 8 8 0 | Mar. 25, 1986 | Bianco | 280 | 33.994 | | | | |
| TNP | 4 5 9 1 1 7 5 | May 27, 1986 | Upton et al. | 280 | 33.994 | | | | |
| TNP | 4 6 0 9 0 7 5 | Sept. 2, 1986 | Snedeker | 188 | 5 | | | | |
| TNP | 4 6 8 3 4 6 1 | July 28, 1987 | Torre | 340 | 551 | | | | |
| TNP | 4 7 7 2 8 8 0 | Sep. 20, 1988 | Goldstein | 340 | 568.5 | | | | |

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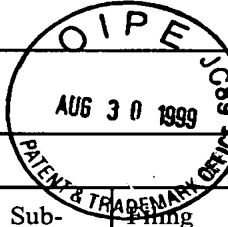
| OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.) | |
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| | | | | FILING DATE July 28, 1999 | | GROUP | | | | | | |
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| TNP | 4 | 8 | 0 | 9 | 8 | 2 | 4 | March 7, 1989 | Fargier et al. | 188 | 72.8 | |
| TNP | 4 | 8 | 6 | 8 | 5 | 4 | 4 | Sept. 19, 1989 | Havens | 340 | 568.5 | |
| TNP | 4 | 8 | 7 | 8 | 0 | 5 | 0 | Oct. 31, 1989 | Kelley | 340 | 825.00 | |
| TNP | 4 | 9 | 0 | 8 | 6 | 0 | 4 | Mar. 13, 1990 | Jacob | 340 | 539 | |
| TNP | 4 | 9 | 8 | 7 | 4 | 0 | 6 | Jan. 22, 1991 | Reid | 340 | 539 | |
| TNP | 4 | 9 | 9 | 0 | 8 | 9 | 0 | Feb. 5, 1991 | Newby | 340 | 539 | |
| TNP | 5 | 0 | 0 | 0 | 2 | 9 | 7 | March 19, 1991 | Shaw et al. | 188 | 156 | |
| TNP | 5 | 0 | 5 | 3 | 7 | 6 | 8 | Oct. 1, 1991 | Dix Jr. | 340 | 988 | |
| TNP | 5 | 1 | 9 | 4 | 8 | 4 | 4 | Mar. 16, 1993 | Zelda | 340 | 426 | |
| TNP | 5 | 2 | 8 | 3 | 5 | 5 | 0 | Feb. 1, 1994 | MacIntyre | 340 | 539 | |
| TNP | 5 | 3 | 1 | 5 | 2 | 9 | 0 | May 24, 1994 | Moreno et al. | 340 | 568.5 | |
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| TNP | 2 | 2 | 6 | 6 | 6 | 4 | 3 | 03,11,1993 | United Kingdom | | | |
| TNP | 9 | 2 | 1 | 5 | 4 | 7 | 6 | 17.09.92 | Europe | | | |
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| OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | | | | | |
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| Examiner | <i>Coanham</i> | | | | | Date Considered <i>01/11/01</i> | | | | | | |
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| TNP | 5 3 4 9 3 2 9 | Sept. 20, 1994 | Smith | 340 | 539 | | | | |
| TNP | 5 3 5 7 1 8 2 | Oct. 18, 1994 | Wolfe et al. | 318 | 379 | | | | |
| TNP | 5 3 9 4 9 6 2 | March 7, 1995 | Gray | 188 | 1.12 | | | | |
| TNP | 5 4 3 2 4 1 2 | July 11, 1995 | Harris et al. | 318 | 3 | | | | |
| TNP | 5 5 7 6 6 9 1 | Nov. 19, 1996 | Coakley et al. | 340 | 568.5 | | | | |
| TNP | 5 5 9 8 1 4 4 | Jan. 28, 1997 | Lace | 340 | 568.5 | | | | |
| TNP | 5 6 0 7 0 3 0 | March 4, 1997 | Swift et al. | 188 | 1.12 | | | | |
| TNP | 5 8 2 1 8 5 6 | Oct. 13, 1998 | Lace | 340 | 568.5 | | | | |
| TNP | 5 8 3 1 5 3 0 | Nov. 3, 1998 | Lace et al. | 340 | 568.5 | | | | |
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| TNP | 2 1 3 7 3 8 8 | 3 Oct 1984 | United Kingdom | | | | | | |
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| OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.) | |
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| Examiner <u>Coanham</u> | Date Considered <u>01/11/01</u> |
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